

ATTACHMENT D - CLEAN COPY OF CLAIM AMENDMENTS

Please cancel claims 4-7 without prejudice.

Please amend claims 1 and 3 as follows:

B1 1. (Amended) An isolated and purified polynucleotide sequence encoding an immunogenic polypeptide that is a portion of the flaA coding region of Campylobacter, said polynucleotide sequence comprising nucleotides 13-1015 of the DNA sequence of SEQ ID NO:1.

B2 3. (Amended) An isolated and purified DNA sequence encoding an immunogenic polypeptide comprising amino acid residues 5-338 of amino acid sequence of SEQ ID No:2.

Please add new claims 16-23

16. The polynucleotide sequence of Claim 1, wherein said sequence is expressed in a suitable expression system.

17. The polynucleotide sequence of Claim 16, wherein said expression system comprises an E.coli gene encoding maltose binding protein, said polynucleotide sequence being fused to said gene and said gene being contained in an expression vector.

plasmid (original clm. 6)

18. An immunogenic composition comprising:

an isolated and purified polynucleotide sequence comprising nucleotides 13-1015 of SEQ ID NO. 1 encoding an immunogenic polypeptide comprising amino acid residues 5-338 of SEQ ID NO. 2; and

a suitable expression system wherein said polynucleotide expresses said polypeptide.

W/d 19. The immunogenic composition of Claim 18, wherein said expression system comprises an E.coli gene encoding maltose binding protein, said polynucleotide sequence being fused to said gene and said gene being contained in (an expression vector).

W/d 20. The immunogenic composition of claim 19, further comprising an adjuvant.

W/d 21. The immunogenic composition of claim 20, wherein said adjuvant is a non-toxicogenic form of heat labile E.coli enterotoxin.

W/d 22. A bivalent immunogenic composition comprising:
an isolated and purified polynucleotide sequence comprising nucleotides 13-1015 of SEQ ID NO. 1 encoding an immunogenic polypeptide comprising amino acid residues 5-338 of SEQ ID NO. 2;
a suitable expression system wherein said polynucleotide expresses said polypeptide; and
B a carrier strain consisting of live, attenuated (bacteria) wherein said bacteria is (modified) to express said polynucleotide sequence encoding said polypeptide.

W/d 23. The bivalent immunogenic composition of Claim 22, wherein said (expression system) comprises an E.coli gene encoding maltose binding protein, said polynucleotide sequence being fused to said gene and said gene being contained in an expression (vector).

W/d 24. The bivalent immunogenic composition of Claim 22, wherein said carrier strain comprises (Salmonella or Shigella).